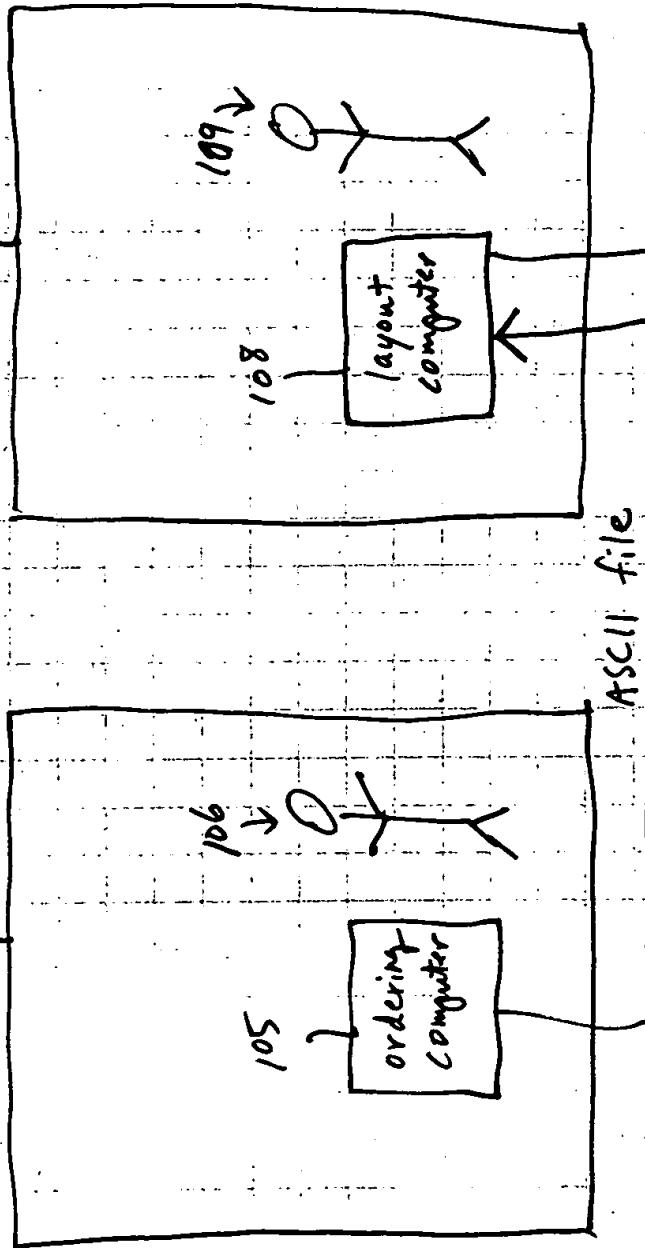


000110 01100100 01100010

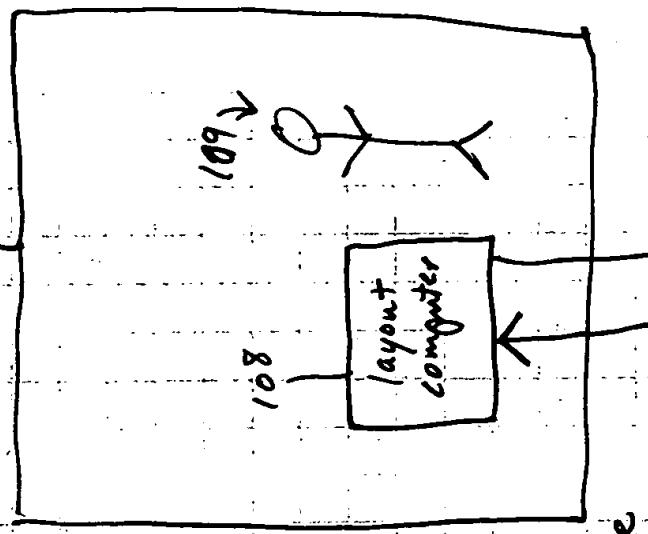
101

102



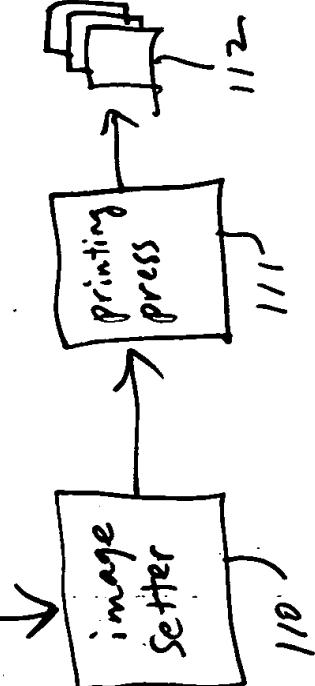
101

102



101

102

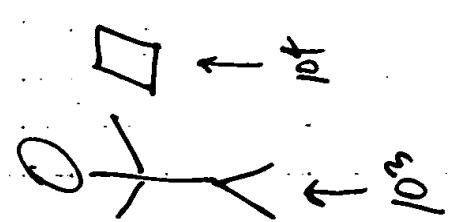


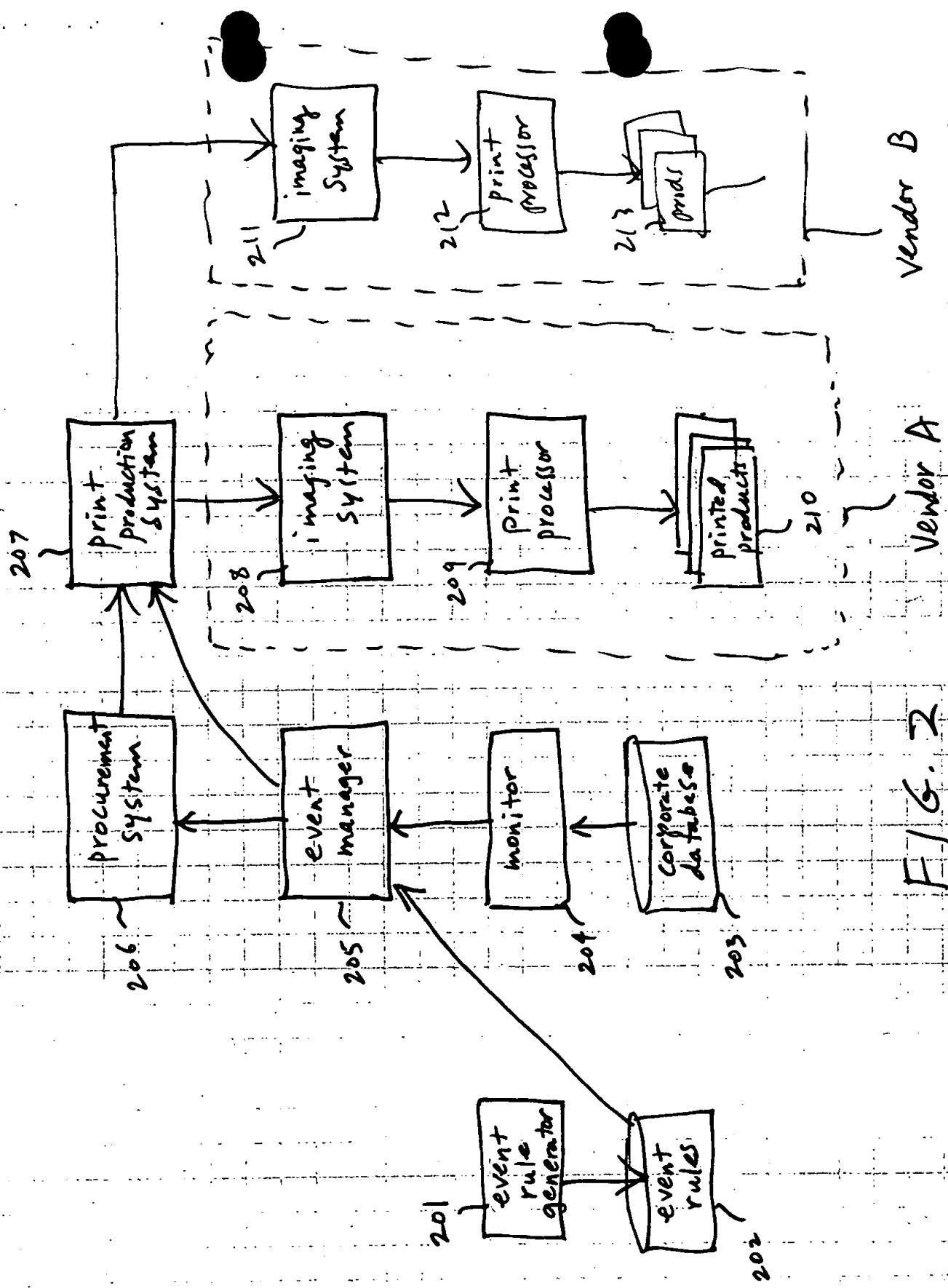
112

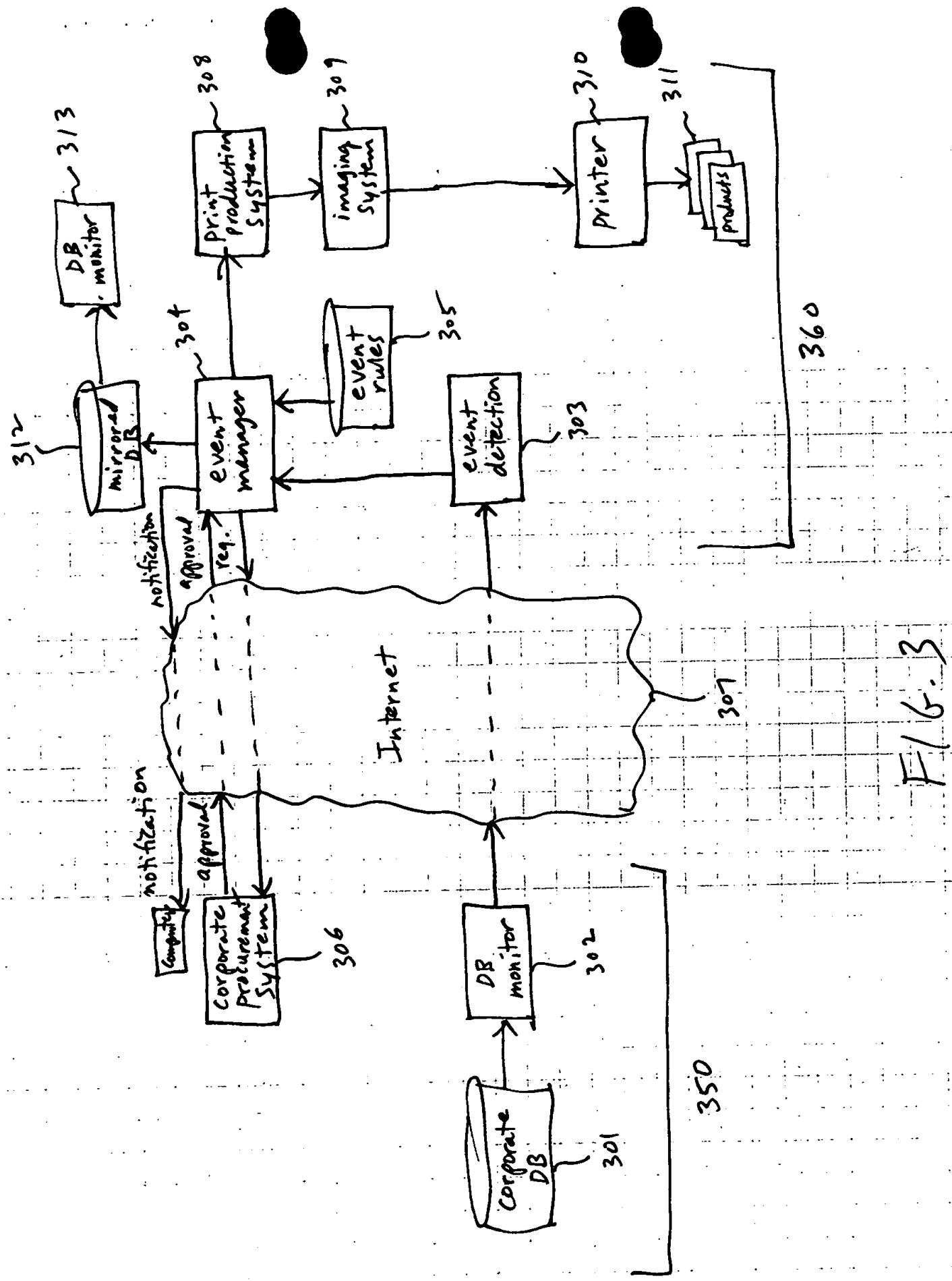
111

110

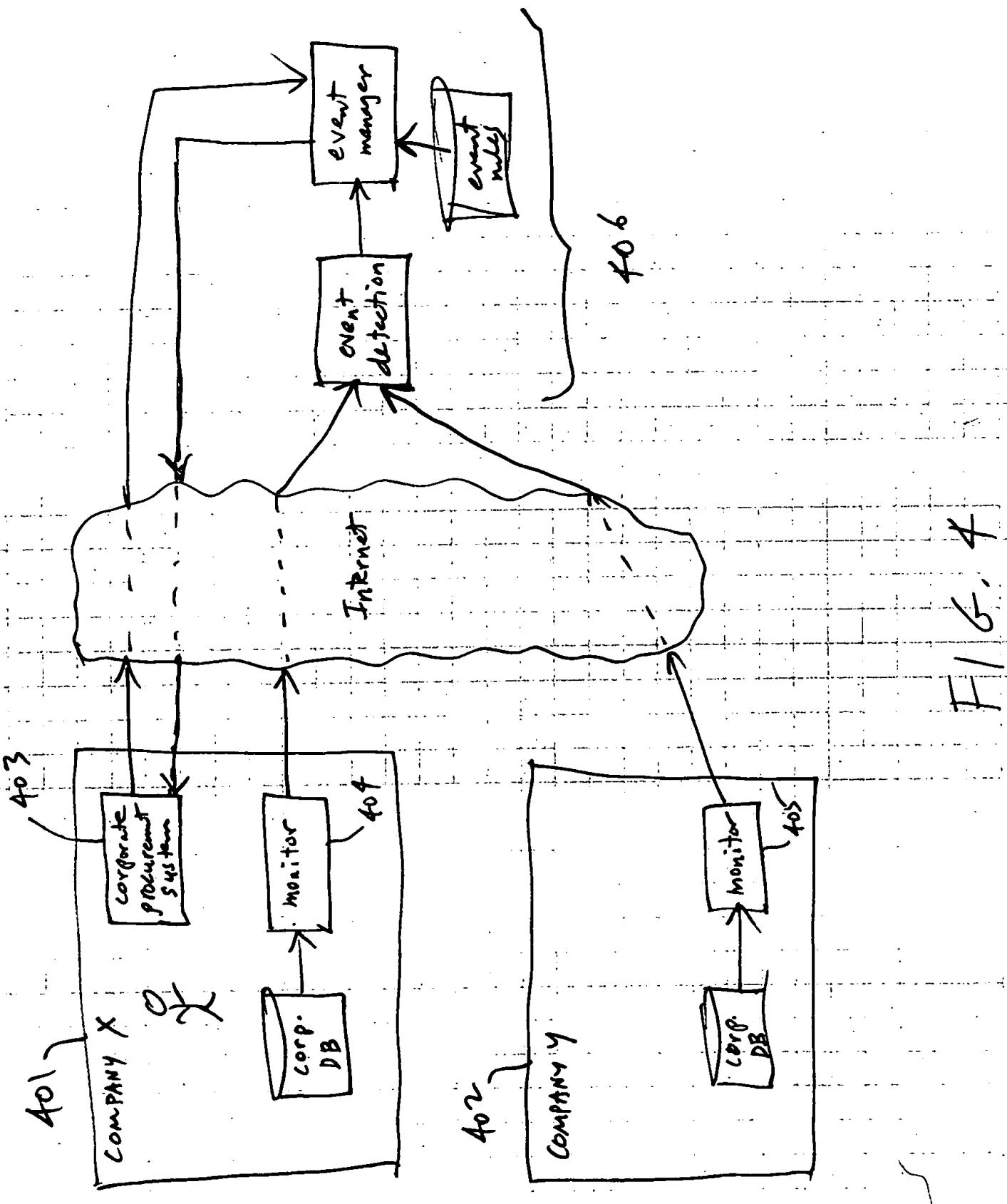
F16.
(prior art)







DIFFERENT STRUCTURE



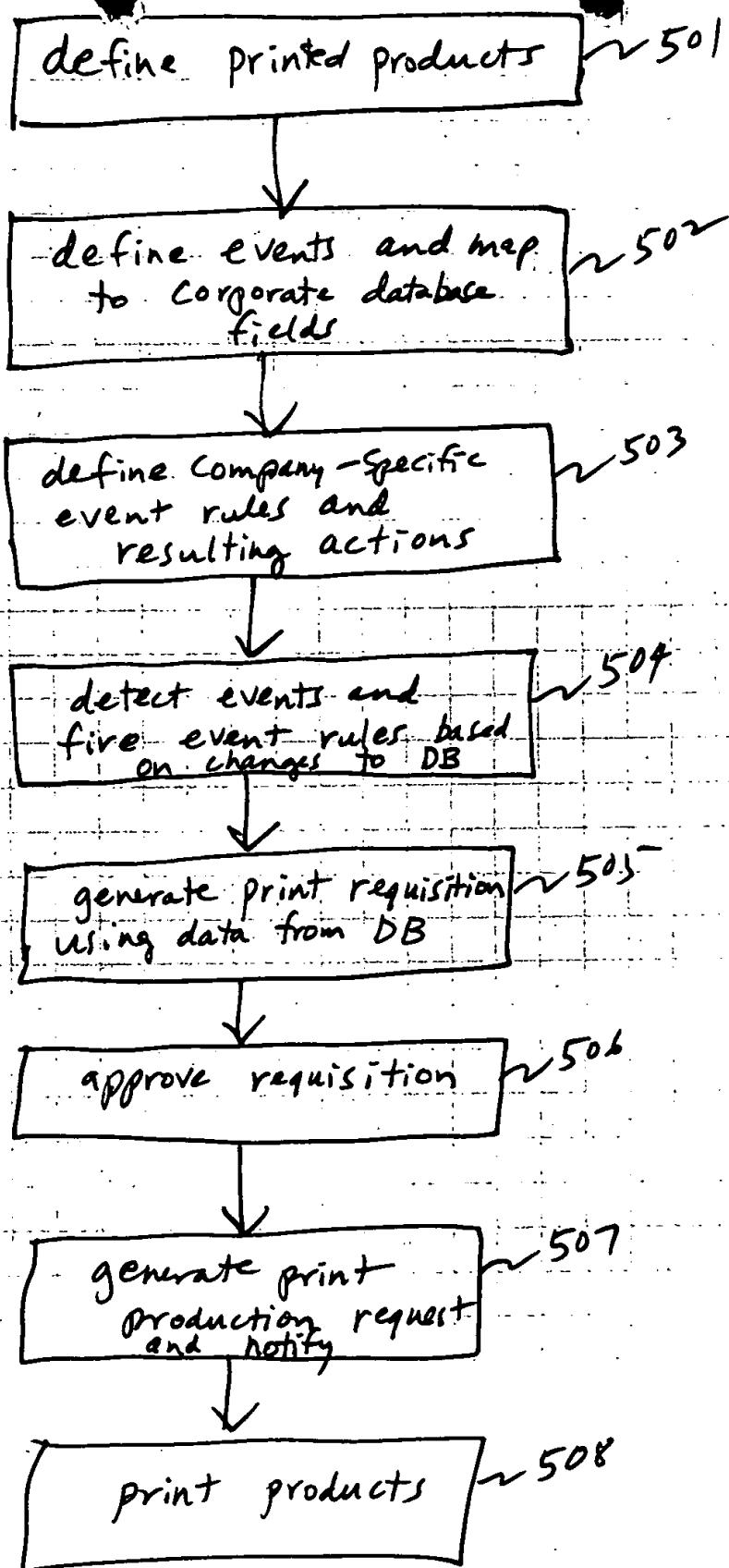


FIG. 5

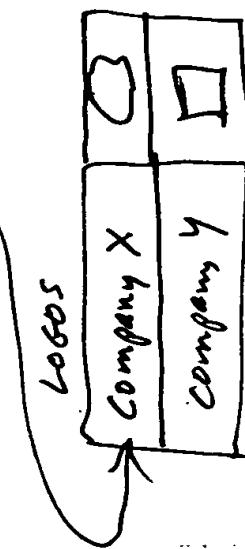
Company X Schema

employee-name
employee-title
employee-address
employee-phone

602

name
title
addr.
logos

↓



Logos

Company X

Company Y

604

Company Y Schema

ename
etitle
addr.

601

→

603 →

F16.6

IF (new-employee) THEN GENERATE
(order: business-cards-B-company X)

generate print production
request with formating
parameters for style of
company X

extract new-employee-info
from event record;
query other info if needed.

cost: less-than: \$20

locate print vendor meeting
this criteria

locate print vendor
meeting this criteria

DELIVERY: less-than: 3 days

generate shipping label;
notify shipper of pick-up date

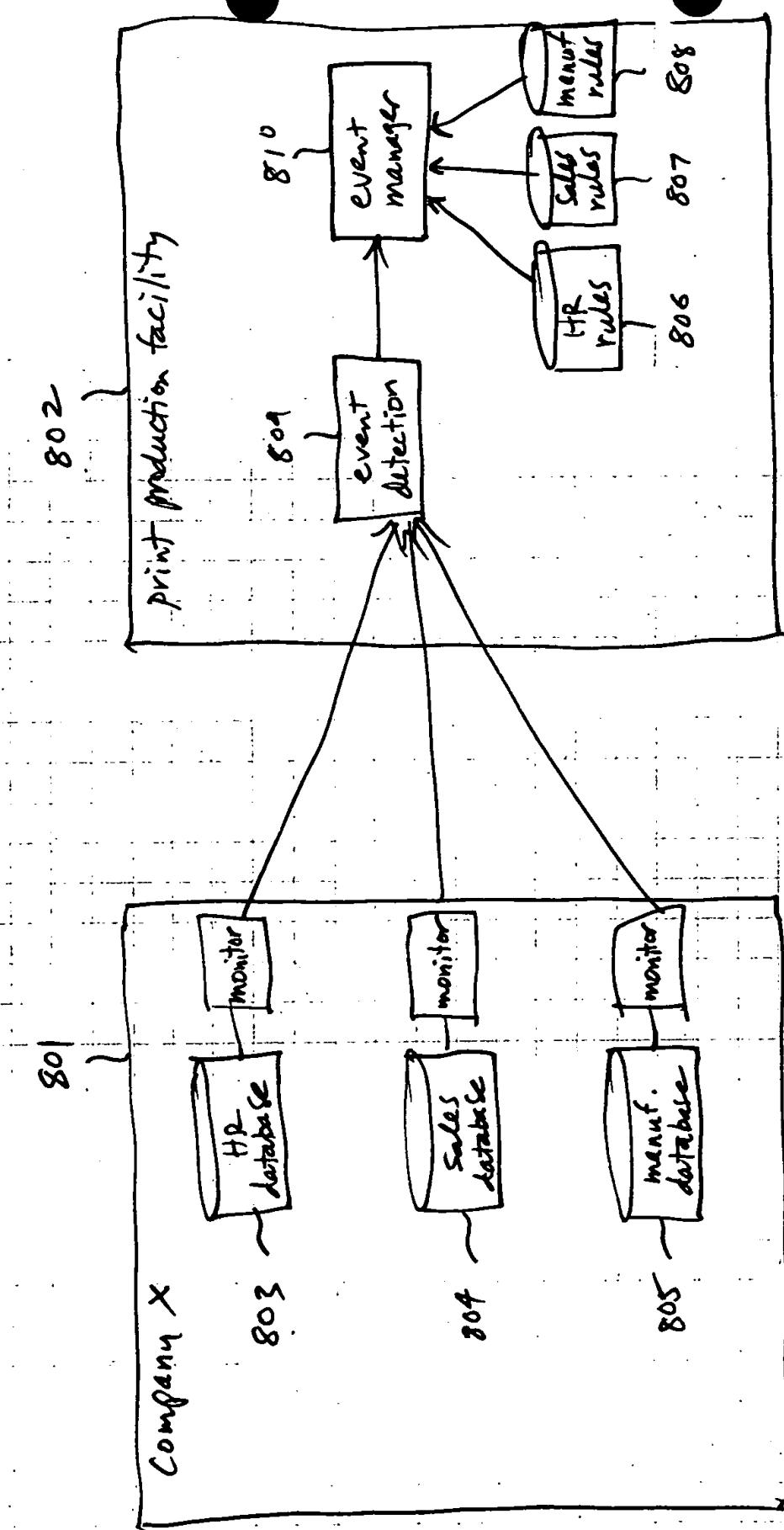
SHIP TO: employee-facility,

Notify: new-employee-name
HR-administrator

send e-mails to
specified persons when
order is shipped

F16.7

CONTROLLER FUNCTION



Event Rules - Human Resources

1. Generate Business Card ~ 901

2. When: ~ 902

A. New Employee Added ~ 903

New Employee Loc.
 New Employee Title
 New Employee Phone
 New Employee Fax
 New Employee Email

3. Release Job ~ 904

O Automatically Release ~ 905

O Release After

O optimum # in queue

O items in queue
 waiting for days

908

Save

O Always wait for approval for release from

O

@

OR

IS

AUD

907

4. Shipping ~ 908

O Ship when order Complete } ~ 908

O Hold until _____

O Ship to _____

Figure 9

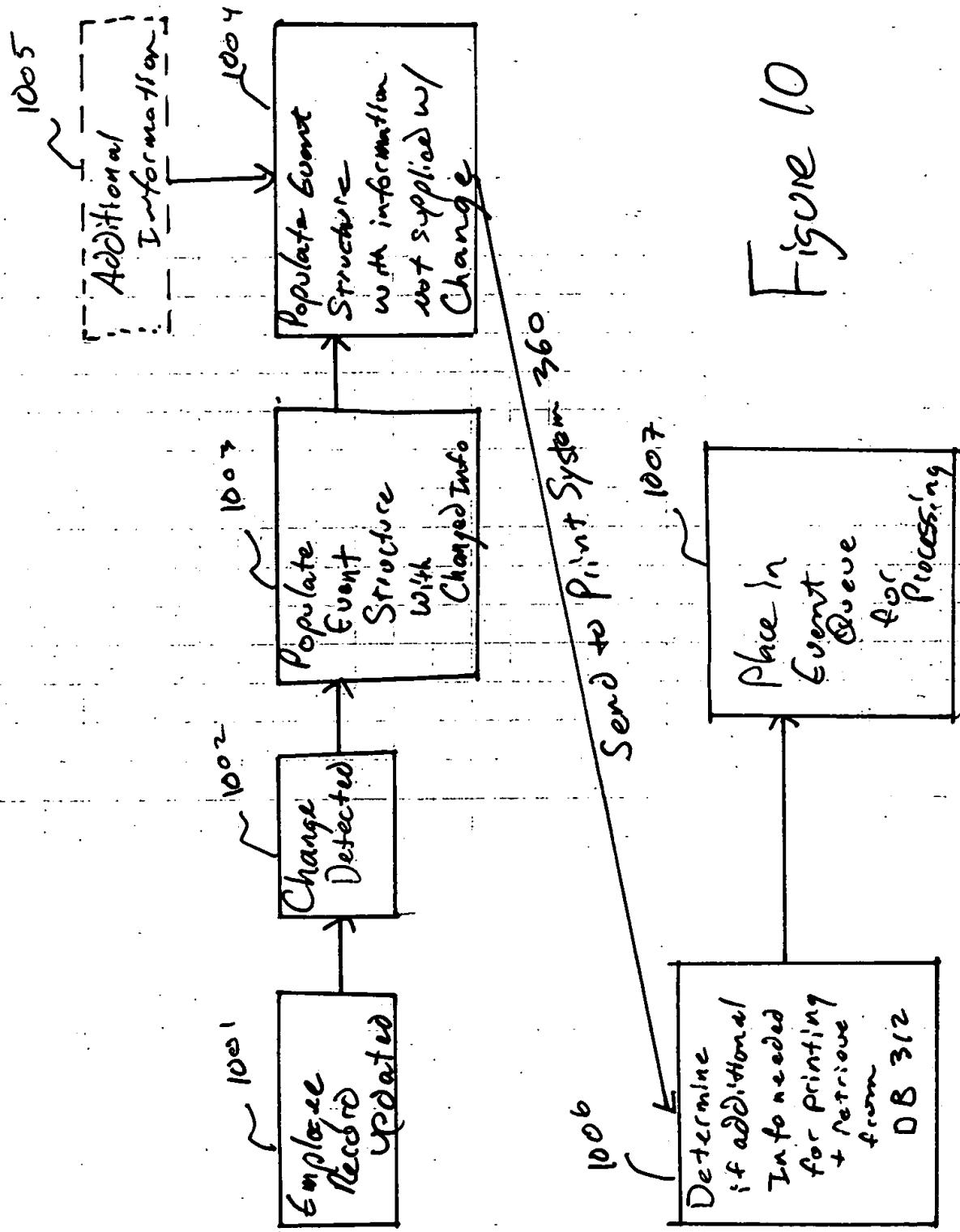
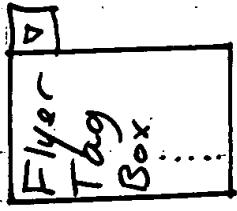


Figure 10

Event Rules - Manufacturing

1. Generate



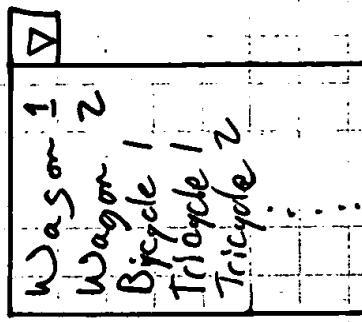
2. When

 o Design released by

- o Design house
- o Legal
- o Marketing
- o Other

 Figure 11

 o New Order placed



3. Product

 o

 Figure 12

Event Rules - Sales Management System

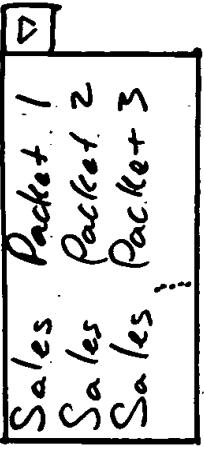
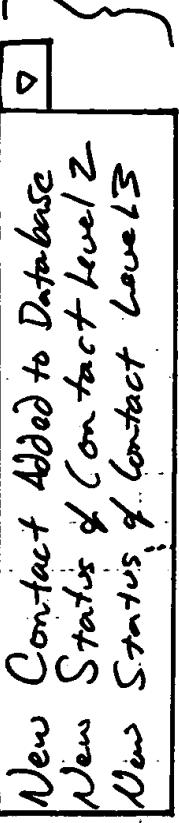
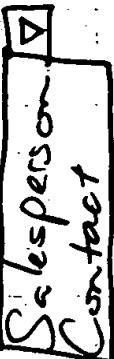
1. Generate

} ~ 1201
2. When

} ~ 1202
3. Shift to

} ~ 1203

Figure 12

Event Rules - Inventory Control System

1. Generate

$\boxed{\text{Brokerage}} \rightarrow$
 $\boxed{+ \text{year}}$

~ 1301

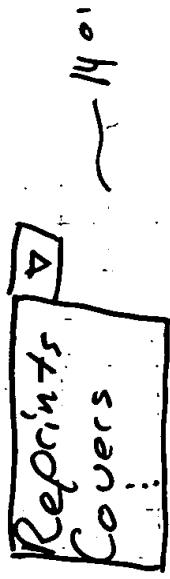
2. When

- o Inventory falls below $\boxed{1000} \rightarrow \sim 1302$
- o Every $\boxed{90} \rightarrow 8$ days ~ 1303

Figure 13

Event Rules - Publishing Environment

1. Generate

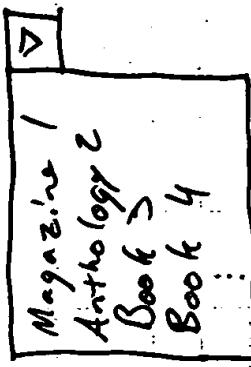


2. When

o Orders exceed [1000] copies ~ 140~

o Pending time exceeds [4] weeks ~ 140~

3. Publications



4.

Increase order by [5] % ~ 1405

Figure 14

Production Rules

1. For **Business Card** ~ 1501
 - 1. Sales Brochure
 - 2. Letterhead
 - 3. Announcement
 - 4. Employee is Mgmt Sales Officer
2. Use media type 01 ~ 1503
 - 01
 - 02
 - 03
 - 04
 - 05
 - 06
 - 07
 - 08
3. Use Template ~ 1504
 - 402
 - 403
 - 404
4. Use Logo Image 1 ~ 1505
 - 8. Route Job to printer closest to quality printer
5. Report Order Info ~ 1506
6. Client Database ~ 1507
7. Wait for approval for release from ~ 1508

Figure 15

